

ESSEX COUNTY
PEABODY, MASSACHUSETTS

DEVILS DISHFULL POND DAM
MA-01138

NATIONAL DAM INSPECTION PROGRAM
CORPS OF ENGINEERS

DEVILS DISHFULL POND DAM

Identification No.: MA 01138
Stream: North Brook
City: Peabody
County and State: Essex County, Massachusetts

Devils Dishfull Pond Dam is located at Lake Street. It appears that a dam was never constructed at the pond outlet. Instead, a roadway embankment with drainage culvert was constructed. There were later modifications to increase the embankment and roadway size.

The pond is presently used as a gravel pit. A concrete outlet structure was constructed, which could raise the pond level, but it is not used. Discharge from the pond would be controlled by the 36 inch diameter metal culvert. The maximum culvert capacity could reach 50± cfs.

Should the 36 inch diameter metal culvert be blocked, water could rise and flow over the roadway. A "dam type" failure however is not likely to occur. Hazard potential is low.





PHOTO NO. 1 - This view shows the pond area. Note the filled roadway and backhoe used for gravel excavation. The swamp/pond has a surface area of about 15 acres. The drainage area around the pond is 780± acres.



PHOTO NO. 2 - The 36 inch outlet culvert and the concrete outlet structure are shown in this photograph. The left abutment at the outlet structure has been removed. The roadway embankment is about 5 feet high at this location.



PHOTO NO. 3 - The roadway embankment which acts to impound North Brook, and form Devils Dishful Pond is shown in this photograph. The top of roadway is 50± feet wide. The embankment measures 100± feet in some locations.

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21 August 1981

City of Peabody
City Hall
Peabody, MA 01960

Gentlemen:

Inclosed for your use is a copy of the Report on Devils Dishfull Pond Dam (MA-01138). During the field inspection and the early stages of the preparation of this report, our contractor found that this dam had a "low potential hazard" for downstream damage in the event of a failure. Based on this finding, we directed our contractor to terminate his work and summarize the work accomplished to date. The report inclosed is a copy of this summary.

If you have any questions concerning this report, we suggest you contact the Commonwealth of Massachusetts, Department of Environmental Quality Engineering first; then if there are further questions contact Mr. Gould, Project Management Branch, Engineering Division of this office at (617) 894-2400, extension 313.

Sincerely,

Incl
as stated

JOE B. FRYAR
Chief, Engineering Division

CF: Mr. Gould ✓
Eng Div Files 112S

NEDED-E

21 August 1981

Mr. Anthony D. Cortese, Commissioner
Department of Environmental Quality
Engineering
Commonwealth of Massachusetts
100 Cambridge Street
Boston, Massachusetts 02202

Dear Commissioner Cortese:

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JOE B. FRYAR
Chief, Engineering Division

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